



12.1" High Bright NEMA 4 (IP65) VESA Mount LCD



This 12.1" high bright display combines a multitude of advanced optical technologies to ensure true Sunlight Readability. This industrial grade LCD panel is optically bonded and integrated with highly efficient LED backlighting and VarTech's unique Optical Stack Enhancement (OSE) technology. Assembled into a compact mechanical design, this system is ideally suited to be placed in a variety of high ambient light environments requiring a NEMA 4 (IP65) VESA mount protection. This SVGA (optional XGA) resolution product satisfies a wide variety of industrial control, camera and man-machine interface solutions.

FEATURES

- ◆ High Bright, Sunlight Readable, Active Matrix TFT Display
- ◆ Optical Bonding (VBOND) for added Shock & Vibration protection and reduced solar reflectivity
- ◆ Anti-Reflective Protective Faceplate
- ◆ 1000 Nits Brightness, Low-Power, High Reliability Solid State LED Backlighting
- ◆ Optional Resistive or Capacitive Touch
- ◆ NEMA 4 (IP65) Rated Black Powder Coated Aluminum Enclosure

Marks of Conformity:

FCC47 CFR part 15, subpart B
EMC: EN 55022:2006, EN 55024:1998, CISPR 22:2005, CISPR 24:1997
Canada: ICES-003
Australia/New Zealand: AS/NZS CISPR 22
CE
RoHS
WEEE



*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

11529 Sun Belt Ct.
Baton Rouge, Louisiana 70809

Phone 800.223.8050

International

001.225.298.0300

Fax 225.297.2440

E-mail

sales@vartechsystems.com

Website

www.vartechsystems.com

SPECIFICATIONS

Display Size

12.1"

Panel Type

Optically Bonded (VBOND) High Luminance, LED-Enhanced with Optical Film Enhancements

Native Resolution

800 x 600 (optional 1024 x 768)

Active Display Area

9.69" (w) x 7.26" (h) / 246mm (w) x 184.5mm (h)

Viewing Angle

Left / Right: 80°/80° - Up / Down: 80°/60°

Contrast Ratio

600:1

Brightness

1000 nits (cd/m²) LED Enhanced

Colors

16.77M

Back Light

60,000 Hours Half Life Typical

Power Consumption

30 Watts

Power Source

100-240 VAC **Optional:** 12VDC or 24VDC

Video Input Connectors

DVI-D, ANALOG VGA(DB-15), COMPOSITE(BNC), FOUR PIN MINI-DIN, S-VIDEO

Video Input

0.7V p-p / 75 ohm, 1.0 V p-p / 75 ohm

Sync

TTL Separate H&V, Combined, SOG

Temperature

Operating: -10 to 50° C, Storage: -20 to 60° C, **Optional:** Operating: -20° C to 60° C

Altitude

Operating: up to 10,000 ft, Storage: up to 40,000 ft

Enclosure Finish

Aluminum Black Powder Coat

Touchscreen

Optional: Resistive, Capacitive, Armor Touch

Touchscreen Interface

Serial or USB

Dimensions

13.25" (w) x 10.56" (h) - 336.6mm x 268.3mm

Weight

8.0 lbs.

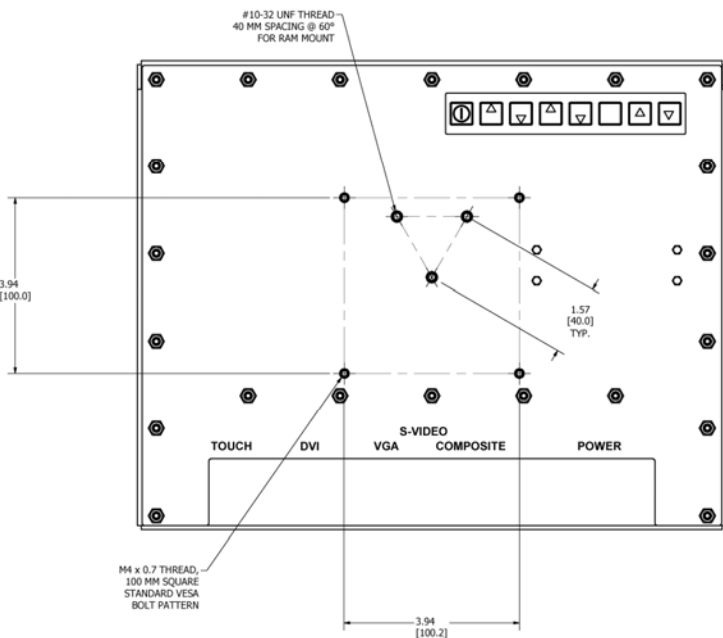
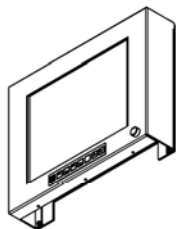
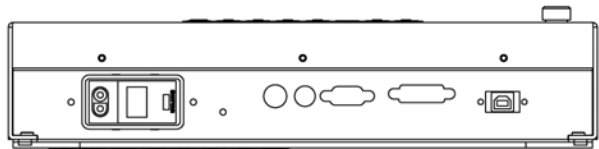
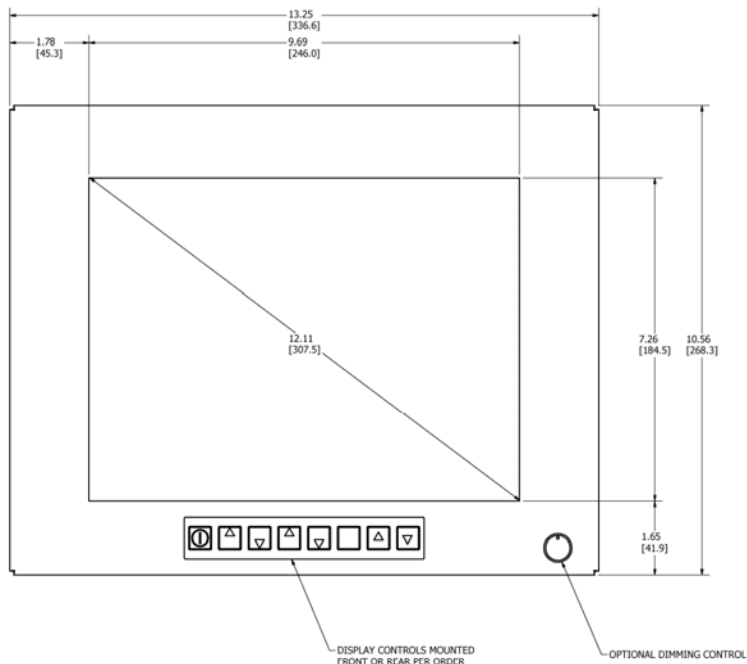
OPTIONS

- XGA Resolution (1024 x 768)
- Resistive or Capacitive Touch
- 12VDC
- Manual Full-Range Dimming Turn Pot
- Extended Operational Temperatures
- RAM Mount Arm

www.vartechsystems.com

Mechanical Drawing

NOTES:
 1. VT121W2 & VT121WHB2 ENCLOSURE IS POWDERCOATED ALUMINUM



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|-------------|--------|----------|-------------------------------------|-------------------------|--------------|-----|
| DRAWN | mcumbo | 8/5/2010 | VARTECH SYSTEMS | | | |
| CHECKED | | | | | | |
| SA | | | TITLE | | | |
| MFG | | | OUTLINE DRAWING- VT121W2, VT121WHB2 | | | |
| APPROVED | | | SIZE | TOLERANCES: | DWG NO | REV |
| USED ON | | | D | .XX = .03 .XX = .015 | 601-0365-001 | RO |
| APPLICATION | | | SCALE | 1:1 | SHEET 1 OF 1 | |

UNITRONIX Pty Ltd
 PO Box 486, Morisset NSW 2264
 NSW: Tel: 61 2 4977 3511 Fax: 61 2 4977 3522
 WA: Tel: 61 8 9455 2424 Fax: 61 8 9455 2458
 unitsyd@unitronix.com.au www.unitronix.com.au